

rec'd
9/17/01 RD

EREMCO
ENVIRONMENTAL REMEDIATION CORPORATION

2101 JAMESTOWN WAY
OXNARD, CALIFORNIA 93035
(805) 984-1003 Fax (805) 382 9645
(626) 441-4028 Fax (626) 441-4028

Contractors License No 612505
A- General Engineering, HIC,
Haz Substance Removal &
Remediation Certification

September 15, 2001

City of Santa Fe Springs Fire Department
Headquarters Fire Station
11300 Greenstone Avenue
Santa Fe Springs. CA 90670-4619

Attention: Inspector Raul Diaz

Re: The Mitigation of the Containment Tanks Final Report. located at the Greve
Financial Services, Inc. (Formerly Angeles Chemical Compnay) 9815
Sorensen Avenue, Santa Fe Springs,

Submitted herewith is the Final Report on the mitigation of the above captioned
tanks.

Respectfully,



Craig R. Norton

cc Mr. Joe Kennedy, Greve Financial

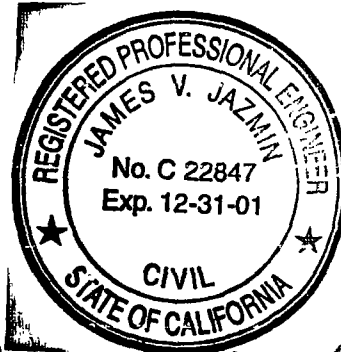
TANK MITIGATION REPORT

location

Greve Financial, Inc.
8915 Sorensen Avenue
Santa Fe Springs, California



A handwritten signature of Craig R. Norton in black ink.



A handwritten signature of James V. Jazmin in black ink.

August 19, 2001

TABLE OF CONTENTS

INTRODUCTION

SITE MAP, FIGURE 1

TANK INFORMATION

TANKS REMOVED

TANKS SLURRIED INPLACE

FINDINGS

Figure 2, TPH Gasoline ✓

Figure 3, Toluene ✓

Figure 4, 1,1,1, TCA

Figure 5, 1,1, DCA

SAMPLING

Tanks removed sampling Grab

Slurried Tanks sampling Probes

CHAIN OF CUSTODY

LABORATORY ANALYSIS

CONCLUSIONS AND RECOMMENDATIONS

APPENDIX A LABORATORY SAMPLE ANALYSIS DATA

APPENDIX B DOCUMENTS

TANK MITIGATION REPORT

~~Greve Financial Services, Inc.~~
~~9515 Sorensen Avenue~~
Santa Fe Springs, CA

INTRODUCTION

Prior to the subject property acquisition by Greve Financial Services, Inc. (Greve) the owner was Angeles Chemical Company. The transfer of ownership was conducted in the year 2001. In review, There were 33 tanks in service at one time and their status at this time is as follows: please refer to the Site Plan, Figure 1.

2 Tanks These were a diesel and a gasoline tank were removed six months or earlier that were located very near the office building. They are shown on the Site Map but not numbered.

10 Tanks Removed: 1,2,3,4, 18,19,20,21,22, and 23. These subject tanks and their piping systems were removed.

12 Tanks Slurried and Remain in the Ground: 5,6,7,8,9,10,11,12,13,14,15, and 16. These UST's were slurried (filled with a mix of bentonite, powdered barium sulfate, cement, and water)

On July 16, 2001 work commenced. Ten tanks that were formerly a containment system were removed from the containment service. Four tanks were slurried and six tanks were removed. All the tanks were 10,000 gallon tanks with the exception of 17, 24, and 25 which were 20,000 gallon tanks. Please note that tanks 17, 24, 25, 29 30, and 31 were removed. Tanks 26, 27, 28, are under the building and tank 33 (falls within the 45 degree foundation support range rule of the structure) were slurried in place.

Groundwater is located at approximately 18 feet below a clay layer that is detected at approximately 15 feet.

The Findings show concentrations of contaminants and are detailed in separate Figure's 2 through 5. Appendix A, Laboratory Analysis.

GREVE FINANCIAL SERVICES, INC.
(Formerly Angeles Chemical Company)
8915 Sorensen Avenue, Santa Fe Springs, CA

SITE MAP

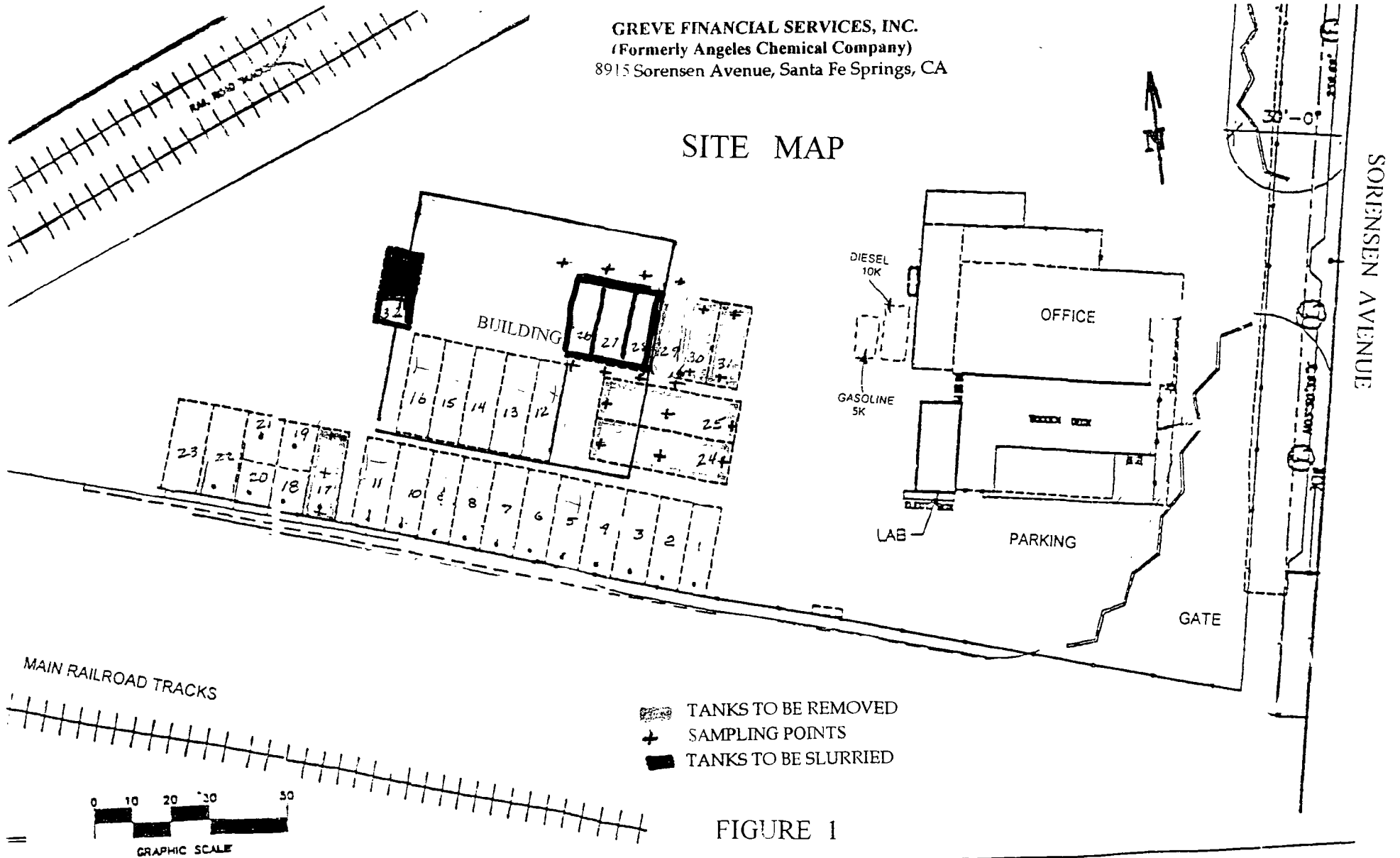


FIGURE 1

THE SUBJECT TANKS

The tanks listed below were removed from service in December 1989. At this time these tanks were tripled rinsed until the VOC measurements were below 3 ppm. The fill pipes and the suctions on each tank were then plugged using a 4 inch diameter steel threaded cap. This work was witnessed by Inspector Raul Diaz, Santa Fe Springs Fire Department and the VOC's verification by Grace Rinck, Aurora Industrial Hygiene. On July 16, 2001 the excavation was commenced on the 6 tanks to be removed marked with an R. Those tanks marked with S were commenced to be slurried on Monday July 23, 2001. and finished on July 25, 2001.

Tank ID#	Tank Material	Age Years	Capacity Gallons	To Be Removed	To Be Slurried
17	Bare Steel	16	20,000	R	
24	Bare Steel	16	20,000	R	
25	Bare Steel	16	20,000	R	
26	Bare Steel	22	10,148		S
27	Bare Steel	22	10,310		S
28	Bare Steel	22	10,310		S
29	Bare Steel	22	10,310	R	
30	Bare Steel	22	10,310	R	
31	Bare Steel	22	10,310	R	
33	Bare Steel	22	9,943		S

The tanks were declassified as underground storage tanks. These tank no longer would contain liquids but remain empty to be able to contain liquids in case of a large release from railroad tank cars or a release from a future above ground storage tank system. These 10 tanks were joined by piping to create the containment system. The connecting piping that joined the tanks was variable in size from 4 to 12 inches in diameter. The containment system was calculated to hold approximately 130,500 gallons of fluid. The tanks were in very good condition and clean. The tanks were triple rinsed in early December of 1998. The tanks were again cleaned in mid year 2000 when they were opened to allow welding of the piping connections for the passage of liquids throughout the system.

TANKS REMOVED

The tanks were checked for any possible organic vapors by a marine chemist. There was no evidence of any VOC's reported by Marine Chemist Tom Beck. Please refer to Appendix B, Documents. The tanks removed were covered with concrete. There were two separate excavations areas. The concrete with rebar over the tanks was saw cut and broken into small pieces and stockpiled. The soil on top and surrounding the tanks was excavated and stockpiled. The stockpiled soil was tested for any organic vapors. There was no evidence of excavated contaminated soil. The tanks were lifted out of the tank pit by a large 100 ton crane, cleaned of any excess soil and loaded on to trucks for disposal. The tanks appeared to be in very good condition showing little or no rust. After the soil sampling described below the tank pits were backfilled with soil and imported base material. The backfilling was accompanied with a spray of water and wheel rolled for compaction.

TANKS SLURRIED INPLACE

The tanks 4 detailed above were slurried using a 9.6 pound per gallon of a mix of bentonite, barium sulphate, soda ash and class C cement. The mix, in sacks, was hopped into a given amount of water until the mix thickened to its thixotropic character. The thickening allowed the mix to be weighted up to 9.6 pounds per gallon using ground barite. Cement was added to the mix and the final product was pumped into the containment system where it will seek its own level filling the tanks and piping within the former containment system. A particular effort was placed at the surface drain entries as they were given a denser amount of cement. The slurry material was transported to the site and mixed into the slurry and pumped into the system. The slurry mixing system is composed of a 21,000 gallon mixing tank, supported with a crew of 4 men and one 10,000 lbs. fork lift. The mixing time and the pumping of the slurry into the containment system required 3 days.

FINDINGS

The findings show a strong presence of gasoline. This area where the gasoline was detected there is no record of gasoline being in any of these tanks. Benzene was not detected. The Angeles Chemical Company (Angeles) had two fuel tanks located close to the office buildings and some 50 feet from the yard building. Upon their removal there were no hydrocarbon contaminants detected in the soil below the tanks nor in the excavated soil. Figures 1 through 5 show the bulk of the concentrations of selected hydrocarbons and chemicals. The sample analysis is shown by the sample point. Sample points without a sample analysis are ND.

Greve Financial Services, Inc.
9515 Sorensen Avenue
Santa Fe Springs, CA

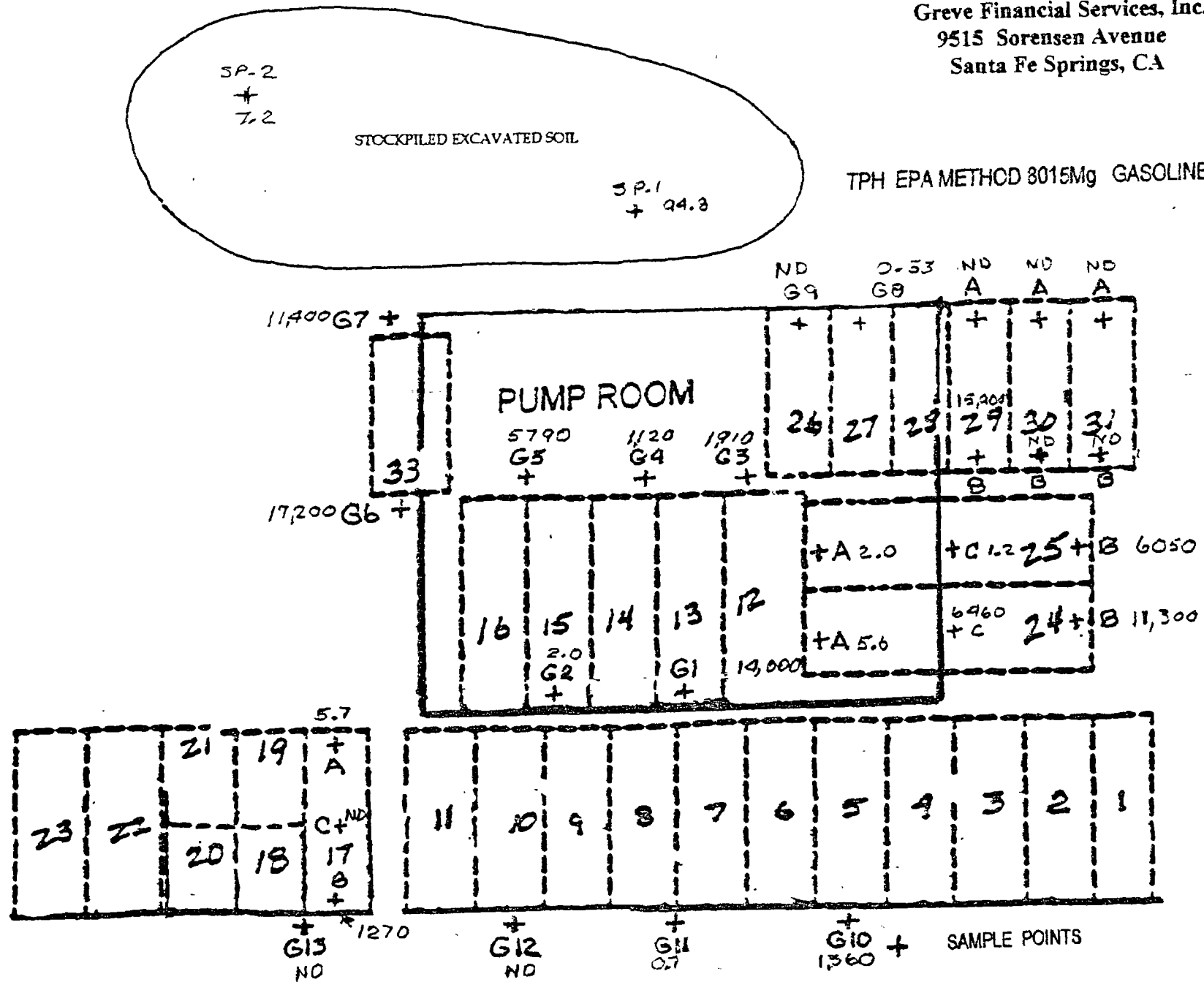


FIGURE 2

Greve Financial Services, Inc.
9515 Sorensen Avenue
Santa Fe Springs, CA

TOLUENE EPA METHOD 8260B
(VOC's by GM/MS) Units ppb

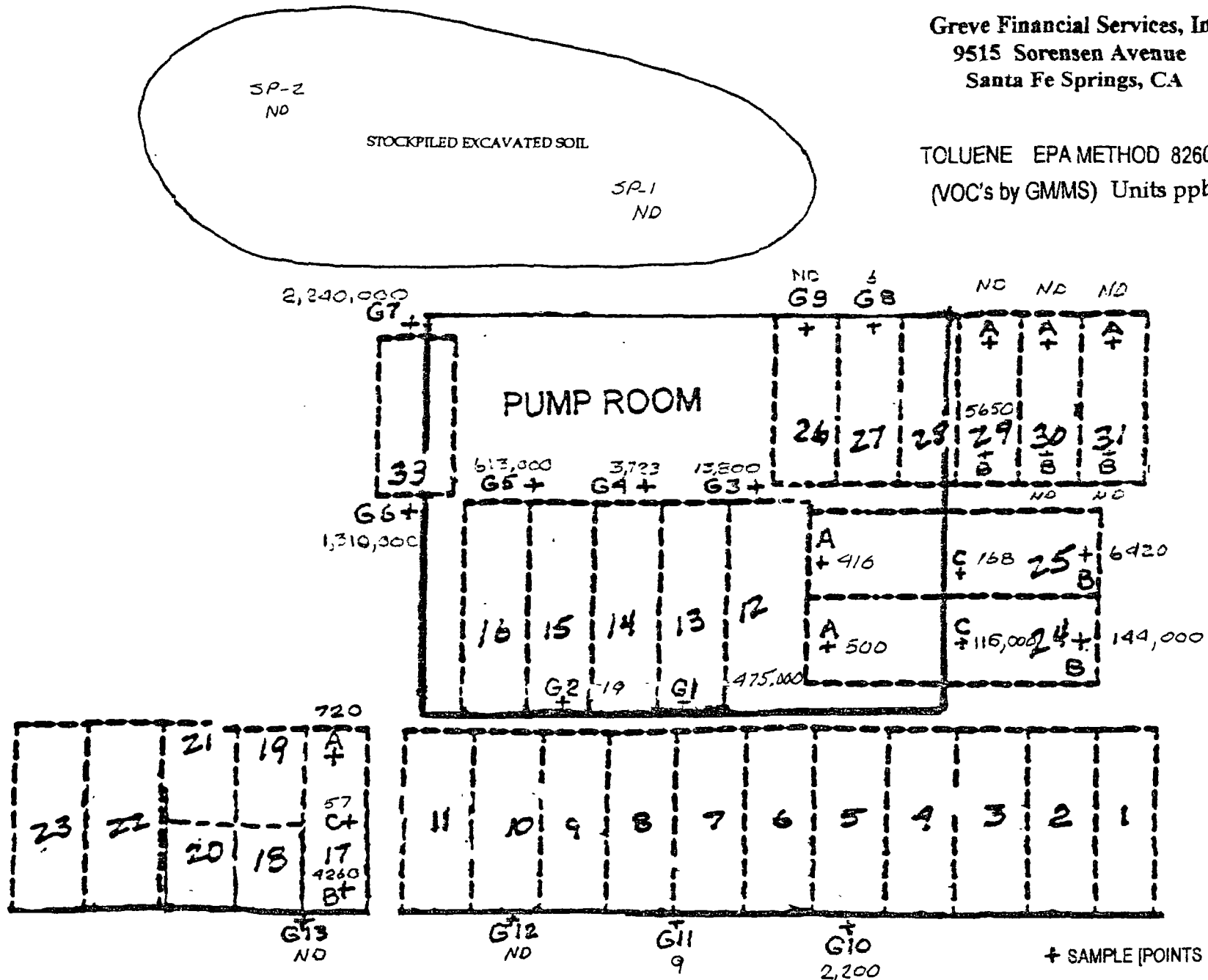


FIGURE 3

Greve Financial Services, Inc.
9515 Sorensen Avenue
Santa Fe Springs, CA

1,1,1, TCA EPA METHOD 8260B

(VOC's by GS/MS) Units ppb

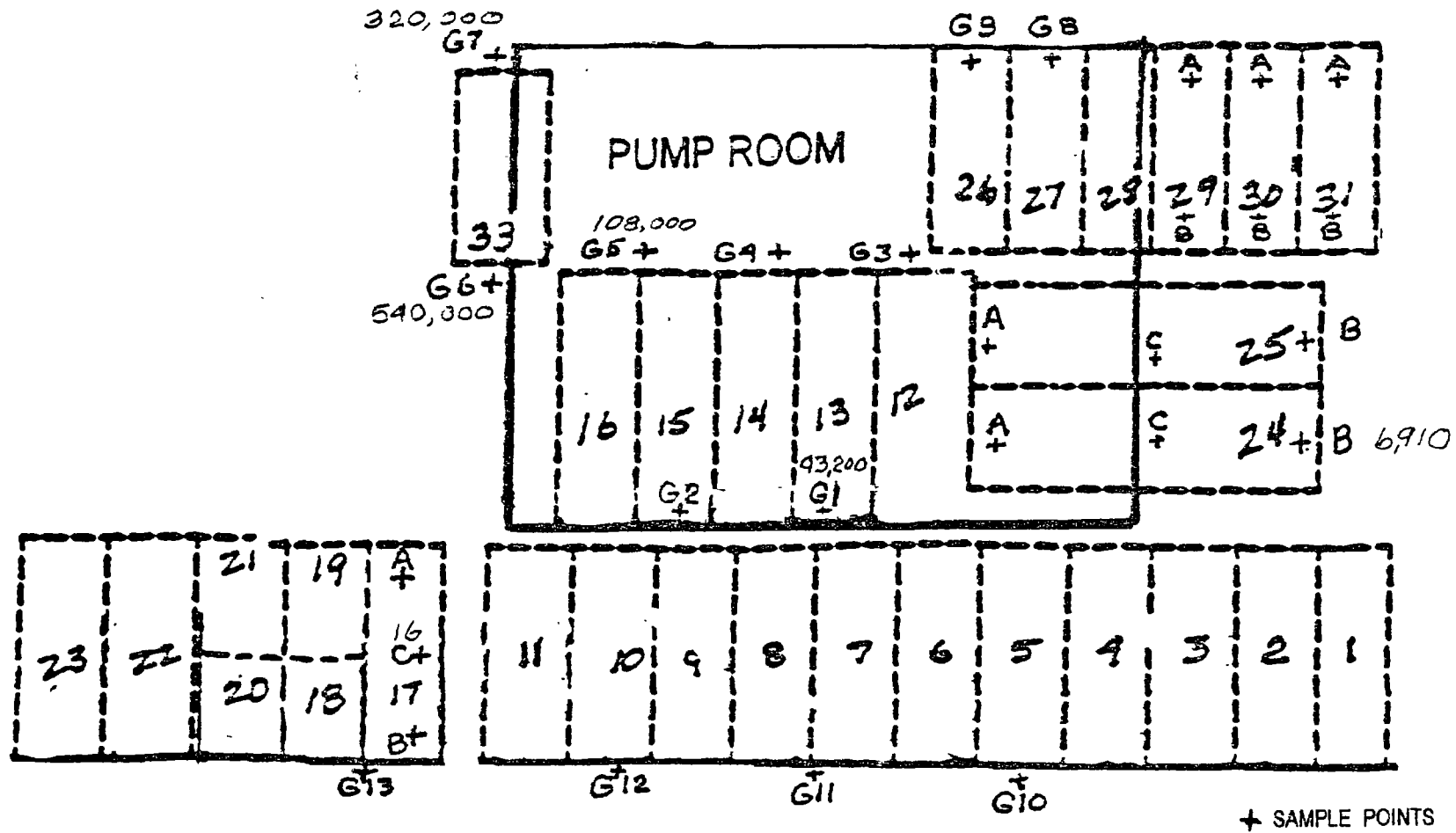


FIGURE 4

Greve Financial Services, Inc.
9515 Sorensen Avenue
Santa Fe Springs, CA

1,1, DCA EPA METHOD 8260B
(VOC's by GS/MS) Units ppb

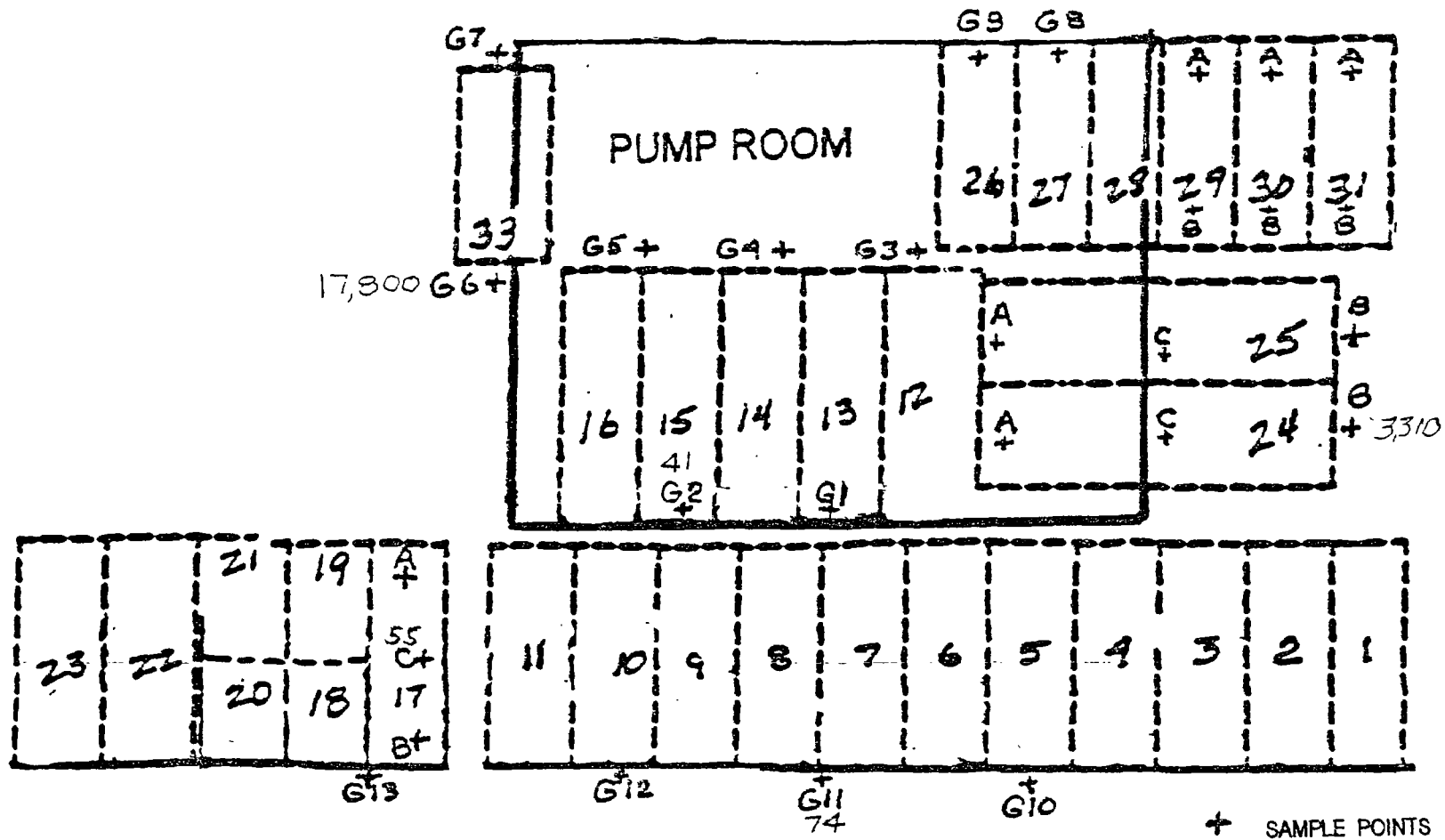


FIGURE 5

FIGURE 2

UST Removal TPH (ppm) Grab Samples & Probes to 15',
Elevated Levels as Follows.

Sample Location	Sample Number, reading, type
UST No. 17, samples	B17, gasoline 1,270
No. 24, samples	B24, 11,300, gasoline C24 gasoline 6,460, diesel 1,180
No. 25, samples	B25, 6050 gasoline
No. 29 samples	B29, 15,900 gasoline
No. G1	14,000 gasoline, 647 Diesel
No. G3	1,910 gasoline,
No. G4	1,120 gasoline
No. G5	5,790 gasoline
No. G6	17,200 gasoline
No. G7	11,400 gasoline 571 Diesel
No. G10	1,360 gasoline

FIGURE 3

520 ppm
UST Removal Toluene (ppb) Grab Samples & Probes to 15',

UST No. 17 samples	B17 1,270
24 samples	B24 11,300, C24 6,460
25 samples	B25 6,050
29 samples	B29 15,000
No. G1	475,000
No. G3	13,800
No. G4	3,720
No. G5	613,000
No. G6	1,310,000
No. G7	2,240,000
No. G10	2,200

FIGURE 4

UST Removal 1,1,1, TCA (ppb) Grab Samples & Probes to 15',

UST No. 17	C17, 16, B24 6,910
No. G1	43,200
No. G5	108,000
No. G6	540,000
No. G7	320,000

FIGURE 5

UST Removal 1,1, DAC (ppb) Grab Samples & Probes to 15', Figure 5

UST No. 17	C17, 55,
24	B24, 3,310
No. G2	41
No. G6	17,800
No. G11	74

SAMPLING

EPA Method 5035 was used to Extract Soil Samples. EREMCO will employ the ENCORE 25 gram Sampler with the POWERSTOP HANDLE model by US Laboratories, A sampling system approved by the EPA and the CALEPA. Soil samples will be removed from the sampler at the laboratory.

Tanks Removed Sampling

Soil sampling was conducted using a backhoe from 2 to 4 feet under the inverts of the 10,000 gallon tanks. The ENCORE sampling was done on both ends of the tanks. Sampling of the 20,000 gallon tanks took place from under each end and from the tank center total of three samples. These samples were extracted under the oversight of Santa Fe Springs Fire Department Inspector Raul Diaz and handled by James Jasmin registered civil engineer. Again these samples were placed in an iced chest to await transport to a laboratory.

Slurried Tanks Sampling

Slurried tanks required a hole cut in the concrete at the sample location points shown on the Site Map. These holes allowed a Geoprobe type rig to take 5 foot samples to 15 feet. Soil Samples were again handled by the California State registered civil engineer. The ENCORE sampler was placed in the special ziplock container and sealed. The sealed sample was placed in a iced chest to await transport to a Laboratory.

CHAIN OF CUSTODY

The soil samples were listed on a Chain of Custody form along with the EPA Methods of analysis required by the Santa Fe Springs Fire Department. The Chain of Custody form was signed by the person responsible for their Custody and by the transporter to a State of California Department of Health Services certified laboratory.

LABORATORY ANALYSIS

The samples were delivered to the certified laboratory. The Chain of Custody was signed by the qualified laboratory person and the soil samples extracted from the sampler by a laboratory technician. The laboratory analyzed the soil samples using EPA Method 8015M full range and Method 8260B for all VOC's.

CONCLUSIONS AND RECOMMENDATIONS

Six tanks: 17, 24, 25, 29,30 31 were excavated and removed from the site. The four tanks; 26,27,28 and 33 were slurried in place. Samples were extracted from under the UST's and 13 Geoprobos were located to test for contaminants under the slurried tanks. The investigation showed selected elevated chemicals and gasoline levels surrounding the three 20,000 gallon tanks and tank 29. These soil samples were extracted between 18 and 21 feet. Geoprobos located to investigate the soil at 15 feet bsg. showed spotty elevated concentrations that centered in the area of probes 5,6, and 7.

EREMCO recommends pilot testing using a vapor extraction method to learn the best way to mitigate the vadose and fringe zone at the water table. EREMCO recommends leachate testing of the soil below the water table to project the life of a pump and treat/ carbon filtering system to mitigate the groundwater contamination.

APPENDIX A

LABORATORY ANALYSIS DATA

CHAIN OF CUSTODY



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

07-26-2001

Mr Craig Norton
EREMCO
2101 Jamestown Way
Oxnard, CA 93035

Project Greve
Project Site 8915 Sorensen Ave., Santa Fe Springs, CA
Sample Date 07-18-2001
Lab Job No. N10778

Dear Mr Norton

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 07-18-2001 and analyzed by the following EPA methods

EPA 8015M (Total Petroleum Hydrocarbons)
EPA 8260B (VOCs by GC/MS)

All analyses have met the QA/QC criteria of this laboratory

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

STS Environmental Laboratory is certified by CA DHS (Certificate Number 1986) Thank you for giving us the opportunity to serve you Please feel free to call me at (323) 888-0728 if our laboratory can be of further service to you

Sincerely,

Roger Wang, Ph D
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

07-26-2001

Client EREMCO
Project Greve
Project Site 8915 Sorensen Ave., Santa Fe Springs, CA
Matrix Soil
Batch No for TPH-G CG19-GS1
Batch No for TPH-D EG23-DS1

Lab Job No. N10778
Date Sampled 07-18-2001
Date Received 07-18-2001
Date Analyzed 07-19-2001
Date Analyzed 07-23-2001

EPA Method 8015M (Total Petroleum Hydrocarbons)

Reporting Units mg/kg (ppm)

Sample ID	Lab ID	DF	C4-C12 Gasoline range	C12-C23 Diesel range	C23-C40 Oil range
Method Detection Limit			0.5	10	50
Method Blank		1	ND	ND	ND
A 17	N0778-1	1	5.7	ND	ND
B 17	N0778-2	1	1,270	179	ND
C 17	N0778-3	1	ND	ND	ND
A 24	N0778-4	1	5.6	33	ND
B 24	N0778-5	1	11,300	1,180	ND
C 24	N0778-6	1	6,460	292	ND
A 25	N0778-7	1	2.0	47	ND
B 25	N0778-8	1	6,050	165	ND
C 25	N0778-9	1	1.2	120	ND
A 29	N0778-10	1	ND	96	ND
B 29	N0778-11	1	15,900	95	ND
A 30	N0778-12	1	ND	ND	ND
B 30	N0778-13	1	ND	20	ND
A 31	N0778-14	1	ND	21	ND
B 31	N0778-15	1	ND	55	ND
SP 1	N0778-16	1	94.8	43	ND
SP 2	N0778-17	1	7.2	13	ND

ND Not Detected (at the specified limit)



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

Client: EREMCO
Project: Greve

Lab Job No N10778
Matrix: Soil

Date Reported: 07-26-2001
Date Sampled: 07-18-2001

EPA 8260B (VOCs by GC/MS, Page 1 of 2) Reporting Unit µg/kg (ppb)

Date ANALYZED		07-18-01	07-18-01	07-18-01	07-18-01	07-18-01	07-18-01	07-18-01
SAMPLE PREP METHOD		5035	5035	5035	5035	5035	5035	5035
DILUTION FACTOR		1	50	50	25	1	500	1,000
LAB SAMPLE I.D.		Blank	N0778-1	N0778-2	N0778-3	N0778-4	N0778-5	N0778-6
CLIENT SAMPLE I.D.			A 17	B 17	C 17	A 24	B 24	C 24
COMPOUND	MDL	MB						
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	5	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND
Iodomethane	5	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	10	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	55	ND	3,310	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	325	300	251	ND	5,870	ND
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	ND
Chloroform	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	16	ND	6,910	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND
Benzene	2	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	5	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	5	ND	ND	ND	ND	ND	ND	ND
Bromoform	5	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	2,800	6,100
Bromobenzene	5	ND	ND	ND	ND	ND	ND	ND



Southland Technical Services, Inc.

Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

Client: EREMCO
Project: Greve

Lab Job No N10778
Matrix Soil

Date Reported: 07-26-2001
Date Sampled: 07-18-2001

EPA 8260B (VOCs by GC/MS, Page 2 of 2) Reporting Unit: ppb

COMPOUND	MDL	MB	A 17	B 17	C 17	A 24	B 24	C 24
Toluene 520	2	ND	720	4,260	57	500	144,000	115,000
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene 230	2	ND	ND	1,400	22	130	24,100	41,600
m+p-Xylene	2	ND	145	3,300	78	320	55,500	122,000
o-Xylene	2	ND	120	1,900	39	140	21,400	55,000
Styrene	5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	145	ND	6,600	15,000
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene 70	5	ND	ND	2,280	44	145	21,900	43,600
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene 170	5	ND	ND	4,080	156	269	63,900	152,000
Sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	2,960	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene 240	5	ND	ND	ND	ND	ND	5,960	8,000
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	5	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND	ND	ND
Naphthalene	5	ND	ND	ND	ND	ND	ND	5,000
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
Acetone 6700	50	ND	76,600	4,130	31	2,650	118,000	ND
2-Butanone (MEK)	50	ND	24,300	1,500	ND	ND	13,000	ND
Carbon disulfide	50	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	50	ND	8,050	ND	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND	ND	ND	ND
Vinyl Acetate	50	ND	ND	ND	ND	ND	ND	ND
MTBE	5	ND	ND	ND	ND	ND	ND	ND

MB=Method Blank, MDL=Method Detection Limit, ND=Not Detected (below DF x MDL) * Result from a higher dilution analysis



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

Client EREMCO
Project Greve

Lab Job No N10778

Matrix Soil

Date Reported 07-26-2001

Date Sampled 07-18-2001

EPA 8260B (VOCs by GC/MS, Page 1 of 2) Reporting Unit µg/kg (ppb)

Date ANALYZED		07-18-01	07-18-01	07-18-01	07-18-01	07-18-01	07-18-01	07-18-01
SAMPLE PREP METHOD		5035	5035	5035	5035	5035	5035	5035
DILUTION FACTOR		1	10	100	50	25	500	1
LAB SAMPLE I.D.		Blank	N0778-7	N0778-8	N0778-9	N0778-10	N0778-11	N0778-12
CLIENT SAMPLE I.D.			A 25	B 25	C 25	A 29	B 29	A 30
COMPOUND	MDL	MB						
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	5	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND
Iodomethane	5	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	10	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	ND
Chloroform	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	5	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	5	ND	ND	ND	ND	ND	ND	ND
Bromoloin	5	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	329	ND	ND	4,150	ND
Bromobenzene	5	ND	ND	ND	ND	ND	ND	ND



Southland Technical Services, Inc.

Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

Client EREMCO

Lab Job No : N10778

Date Reported: 07-26-2001

Project: Greve

Matrix: Soil

Date Sampled: 07-18-2001

EPA 8260B (VOCs by GC/MS, Page 2 of 2) Reporting Unit ppb

COMPOUND	MDL	MB	A 25	B 25	C 25	A 29	B 29	A 30
Toluene	5	ND	416	6,420	168	ND	5,650	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	130	1,160	ND	ND	4,850	ND
m+p-Xylene	5	ND	250	3,150	ND	ND	12,600	ND
o-Xylene	5	ND	140	1,290	ND	ND	9,000	ND
Styrene	5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	875	ND	ND	9,900	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	232	2,960	ND	ND	13,100	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	348	9,050	ND	ND	103,000	ND
Sec-Butylbenzene	5	ND	ND	600	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	3,300	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	2,190	ND	ND	6,750	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	5	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND	ND	ND
Naphthalene	5	ND	ND	1,930	ND	ND	4,300	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	4,580	89,800	4,030	147	ND	34
2-Butanone (MEK)	50	ND	5,770	5,780	2,610	ND	ND	ND
Carbon disulfide	50	ND	1,590	2,370	515	ND	ND	ND
1-Methyl-2-pentanone (MIBK)	50	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND	ND	ND	ND
Vinyl Acetate	50	ND	ND	ND	ND	ND	ND	ND
MTBE	5	ND	ND	ND	ND	ND	ND	ND

MB=Method Blank, MDL=Method Detection Limit, ND=Not Detected (below DF x MDL) * Result from a higher dilution analysis



Southland Technical Services, Inc.

Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

Client EREMCO
Project Greve

Lab Job No.. N10778
Matrix Soil

Date Reported 07-26-2001
Date Sampled 07-18-2001

EPA 8260B (VOCs by GC/MS, Page 1 of 2) Reporting Unit µg/kg (ppb)

Date ANALYZED		07-18-01	07-18-01	07-18-01	07-18-01	07-18-01	07-18-01	
SAMPLE PREP METHOD		5035	5035	5035	5035	5035	5035	
DILUTION FACTOR		1	1	1	1	50	1	
LAB SAMPLE I.D.		Blank	N0778-13	N0778-14	N0778-15	N0778-16	N0778-17	
CLIENT SAMPLE I.D.			B 30	A 31	B 31	SP 1	SP 2	
COMPOUND	MDL	MB						
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	
Chloromethane	5	ND	ND	ND	ND	ND	ND	
Vinyl Chloride	5	ND	ND	ND	ND	ND	ND	
Bromomethane	5	ND	ND	ND	ND	ND	ND	
Chloroethane	5	ND	ND	ND	ND	ND	ND	
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	
Iodomethane	5	ND	ND	ND	ND	ND	ND	
Methylene Chloride	10	ND	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	
Chloroform	5	ND	ND	ND	ND	ND	ND	
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND	
1,1-Dichloropropene	5	ND	ND	ND	ND	ND	ND	
Benzene	5	ND	ND	ND	ND	ND	ND	
Trichloroethene	5	ND	ND	ND	ND	ND	ND	
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	
Bromodichloromethane	5	ND	ND	ND	ND	ND	ND	
Dibromomethane	5	ND	ND	ND	ND	ND	ND	
trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	
Dibromochloromethane	5	ND	ND	ND	ND	ND	ND	
2-Chloroethylvinyl ether	5	ND	ND	ND	ND	ND	ND	
Bromoform	5	ND	ND	ND	ND	ND	ND	
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	
Bromobenzene	5	ND	ND	ND	ND	ND	ND	



Southland Technical Services, Inc.

Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

Client: EREMCO
Project Greve

Lab Job No. NI0778
Matrix: Soil

Date Reported 07-26-2001
Date Sampled 07-18-2001

EPA 8260B (VOCs by GC/MS, Page 2 of 2) Reporting Unit ppb

COMPOUND	MDL	MB	B 30	A 31	B 31	SP 1	SP 2	
Toluene	5	ND	ND	ND	ND	ND	ND	
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	
1,2-Dibromoethane(EDB)	5	ND	ND	ND	ND	ND	ND	
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethan	5	ND	ND	ND	ND	ND	ND	
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	
m+p-Xylene	5	ND	ND	ND	ND	ND	ND	
o-Xylene	5	ND	ND	ND	ND	ND	ND	
Styrene	5	ND	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethan	5	ND	ND	ND	ND	ND	ND	
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND	ND	
n-Propylbenzene	5	ND	ND	ND	ND	275	ND	
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	170	ND	
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	5	ND	ND	ND	7	435	ND	
Sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	
1,2-Dibromo-3-Chloropropane	5	ND	ND	ND	ND	ND	ND	
Hexachlorobutadiene	5	ND	ND	ND	ND	ND	ND	
Naphthalene	5	ND	ND	ND	ND	ND	ND	
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	
Acetone	50	ND	ND	ND	78	5,250	ND	
2-Butanone (MEK)	50	ND	ND	ND	ND	1,110	ND	
Carbon disulfide	50	ND	ND	ND	ND	ND	ND	
4-Methyl-2-pentanone (MIBK)	50	ND	ND	ND	55	ND	ND	
2-Hexanone	50	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	50	ND	ND	ND	ND	ND	ND	
MIBE	5	ND	ND	ND	ND	ND	ND	

MB=Method Blank, MDL=Method Detection Limit, ND=Not Detected (below DF x MDL) * Result from a higher dilution analysis



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

07-26-2001

EPA 8260B
Batch QA/QC Report

Client EREMCO
Project Greve
Matrix Soil
Batch No 0718-VOC

Lab Job No N10778
Lab Sample ID G0774-1
Date Analyzed 07-18-2001

I. MS/MSD Report
Unit: ppb

Compound	Sample Conc	Spike Conc	MS	MSD	MS %Rec	MSD %Rec	% RPD	%RPD Accept Limit	%Rec Accept. Limit
1,1-Dichloroethene	ND	20	17.2	17.2	86.0	86.0	0.0	30	70-130
Benzene	ND	20	21.4	23.3	107.0	116.5	8.5	30	70-130
Trichloro-ethene	ND	20	20.4	24.8	102.0	124.0	19.5	30	70-130
Toluene	ND	20	20.9	20.1	104.5	100.5	3.9	30	70-130
Chlorobenzene	ND	20	19.6	22.4	98.0	112.0	13.3	30	70-130

II. LCS Result
Unit: ppb

Compound	LCS Report Value	True Value	Rec %	Accept Limit
1,1-Dichloroethene	18.6	20	93.0	80-120
Benzene	22.7	20	113.5	80-120
Trichloro-ethene	22.6	20	113.0	80-120
Toluene	22.7	20	113.5	80-120
Chlorobenzene	22.8	20	114.0	80-120

ND. Not Detected (at the specified limit)



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

07-26-2001

**EPA 8015M (TPH)
Batch QA/QC Report**

Client EREMCO
Project Greve
Matrix Soil
Batch No EG23-DS1

Lab Job No N10778
Lab Sample ID N0778-3
Date Analyzed 07-23-2001

**I. MS/MSD Report
Unit: ppm**

Analyte	Sample Conc	Spike Conc	MS	MSD	MS %Rec	MSD %Rec	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-d	ND	200	198	225	99.0	112.5	12.8	30	70-130

**II. LCS Result
Unit: ppm**

Analyte	LCS Report Value	True Value	Rec.%	Accept Limit
TPH-d	193	200	96.5	80-120

ND Not Detected (at the specified limit)



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

07-26-2001

**EPA 8015(Gasoline)
Batch QA/QC Report**

Client EREMCO
Project Greve
Matrix Soil
Batch No. CG19-GS1

Lab Job No.. N10778
Lab Sample ID ST0719-1
Date Analyzed 07-19-2001

**I. MS/MSD Report
Unit: ppb**

Analyte	Sample Conc	Spike Conc.	MS	MSD	MS %Rec	MSD %Rec.	% RPD	%RPD Accept Limit	%Rec Accept. Limit
Gasoline	ND	5,000	4,000	3,885	80.0	77.7	2.9	30	70-130

**II. LCS Result
Unit: ppb**

Analyte	LCS Report Value	True Value	Rec %	Accept. Limit
Gasoline	850	1,000	85.0	80-120

ND: Not Detected

CHAIN OF CUSTODY RECORD

Lab Job Number 110778

Client: <u>GREVE FINANCIAL</u>							Analyses Requested										T.A.T. Requested <input type="checkbox"/> Rush 8 12 24 hours <input type="checkbox"/> 2-3 days <input checked="" type="checkbox"/> Normal		
Address: <u>8015 SORENSEN AVE SANTA FE SPRING, CA</u>							602/8021 (BTX, MTBE) 8015M (Gasoline) <u>Full Range</u> 8015M (Diesel) 8260B (VOCs) 8260B (Oxygenates) <u>BTX</u> 8260B (MTBE Confirm)										Sample Condition <input checked="" type="checkbox"/> Chilled <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Sample seals		
Report Attention <u>C. NORTON</u>		Phone		Fax		Sampled by											Remarks		
Project Name/No <u>GREVE</u>		Project Site <u>865</u>																	
Client Sample ID	Lab Sample ID	Sample Collect		Matrix Type	Sample Preserve	No. type* & size of container	602/8021 (BTX, MTBE)	8015M (Gasoline) <u>Full Range</u>	8015M (Diesel)	8260B (VOCs)	8260B (Oxygenates) <u>BTX</u>	8260B (MTBE Confirm)							
A 17	A 16718-1	7-18-01	11:00 AM	soil	/	25 gram ENCORE		✓		✓									
B 17	-2							✓		✓									
C 17	-3							✓		✓									
A 24	-4							✓		✓									
B 24	-5							✓		✓									
C 24	-6							✓		✓									
A 25	-7							✓		✓									
B 25	-8							✓		✓									
C 25	-9							✓		✓									
A 29	-10							✓		✓									
B 29	-11							✓		✓									
A 30	-12							✓		✓									
B 30	-13							✓		✓									
A 31	-14							✓		✓									
B 31	-15							✓		✓									
								✓		✓									
Relinquished by <u>EREMCO</u>		Company		Date 7-18-01	Time 6:55 PM	Received by <u>[Signature]</u>		Company <u>S.T.S.</u>		Container types A=Air Bag G=Glass bottle		M=Metal Tube P=Plastic bottle V=VOA vial							
Relinquished by		Company		Date	Time	Received by		Company											

Southland Tech. Services, Inc.

7801 Telegraph Road, Suite L & K
Montebello, CA 90640Tel: (323) 888-0728
Fax: (323) 888-1509

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.

Distribution: WHITE with report, PINK to courier.

CHAIN OF CUSTODY RECORD

Page 2 of 2

Lab Job Number NI 10778

[illegible]

Southland Tech. Services, Inc.
7801 Telegraph Road, Suite L & K
Montebello, CA 90640

Tel: (323) 888-0728
Fax: (323) 888-1509

Note. Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.
Distribution. WHITE with report, PINK to courier



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

07-26-2001

Mr. Craig Norton
EREMCO
2101 Jamestown Way
Oxnard, CA 93035

Project: Greve
Project Site: 8915 Sorensen Ave., Santa Fe Springs, CA
Sample Date: 07-19-2001
Lab Job No: N10791

Dear Mr. Norton:

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 07-19-2001 and analyzed by the following EPA methods:

EPA 8015M (Total Petroleum Hydrocarbons)
EPA 8260B (VOCs by GC/MS)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

STS Environmental Laboratory is certified by CA DHS (Certificate Number 1986). Thank you for giving us the opportunity to serve you. Please feel free to call me at (323) 888-0728 if our laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph.D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

07-26-2001

Client: EREMCO
Project: Greve
Project Site: 8915 Sorensen Ave., Santa Fe Springs, CA
Matrix: Soil
Batch No for TPH-G: CG20-GS1
Batch No for TPH-D: EG24-DS1

Lab Job No: N10791
Date Sampled: 07-19-2001
Date Received: 07-19-2001
Date Analyzed: 07-20-2001
Date Analyzed: 07-24-2001

EPA Method 8015M
Total Petroleum Hydrocarbons
Reporting Units mg/kg (ppm)

Sample ID	Lab ID	DF	C4-C12 (gasoline)*	C12-C23 (Diesel)	C23-C40 (Oil)
Method Detection Limit			0.5	10	50
Method Blank		1	ND	ND	ND
G 1	N0791-1	1	14,000	647	ND
G 2	N0791-2	1	2.0	ND	ND
G 3	N0791-3	1	1,910	146	ND
G 4	N0791-4	1	1,120	121	ND
G 5	N0791-5	1	5,790	431	ND
G 6	N0791-6	1	17,200	456	ND
G 7	N0791-7	1	11,400	571	ND
G 8	N0791-8	1	0.63	ND	ND
G 9	N0791-9	1	ND	25	ND
G 10	N0791-10	1	1,360	302	ND
G 11	N0791-11	1	0.7	21	ND
G 12	N0791-12	1	ND	64	ND
G 13	N0791-13	1	ND	33	ND

ND Not Detected (at the specified limit)



Southland Technical Services, Inc.

Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

Client EREMCO
Project Greve

Lab Job No : N10791
Matrix Soil

Date Reported 07-26-2001
Date Sampled 07-18-2001

EPA 8260B (VOCs by GC/MS, Page 1 of 2) Reporting Unit: µg/kg (ppb)

Date ANALYZED		07-20-01	07-20-01	07-20-01	07-20-01	07-20-01	07-20-01	07-20-01
SAMPLE PREP METHOD		5035	5035	5035	5035	5035	5035	5035
DILUTION FACTOR		1	1,000	2	100	250	1,250	2,000
LAB SAMPLE I.D.		Blank	N0791-1	N0791-2	N0791-3	N0791-4	N0791-5	N0791-6
CLIENT SAMPLE I.D.			G 1	G 2	G 3	G 4	G 5	G 6
COMPOUND	MDL	MB						
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	5	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND
Iodomethane	5	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	10	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	41	ND	ND	ND	17,800
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	38,000	11	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	ND
Chloroform	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	43,200	ND	ND	ND	108,000	540,000
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND
Benzene	2	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	44,200	ND	525	ND	11,000	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	5	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	5	ND	ND	ND	ND	ND	ND	ND
Bromoform	5	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	15,200	ND	1,430	1,150	14,000	19,200
Bromobenzene	5	ND	ND	ND	ND	ND	ND	ND



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

Client EREMCO
Project Greve

Lab Job No.: N10791
Matrix Soil

Date Reported: 07-26-2001
Date Sampled 07-19-2001

EPA 8260B (VOCs by GC/MS, Page 2 of 2) Reporting Unit ppb

COMPOUND	MDL	MB	G 1	G 2	G 3	G 4	G 5	G 6
Toluene	2	ND	475,000	19	13,800	3,720	613,000	1,310,000
Tetrachloroethene	5	ND	ND	ND	950	2,870	85,500	411,000
1,2-Dibromoethane(EDB)	5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethan	5	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	2	ND	105,000	ND	5,500	5,100	120,000	145,000
m+p-Xylene	2	ND	348,000	ND	20,900	24,400	483,000	659,000
o-Xylene	2	ND	126,000	ND	9,200	9,500	179,000	250,000
Styrene	5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethan	5	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	34,400	ND	3,880	16,900	35,000	46,200
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	87,000	ND	9,350	7,100	80,500	119,000
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	282,000	ND	31,300	26,200	283,000	500,000
Sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	5,000	ND	1,650	ND	ND	7,600
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	31,600	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	12,200	ND	3,050	1,850	7,750	6,400
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	5	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND	ND	ND
Naphthalene	5	ND	11,000	ND	1,250	2,700	9,250	19,200
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	105	ND	17,300	ND	48,000
2-Butanone (MEK)	50	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	50	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	50	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND	ND	ND	ND
Vinyl Acetate	50	ND	ND	ND	ND	ND	ND	ND
MTBE	5	ND	ND	ND	ND	ND	ND	ND

MB=Method Blank, MDL=Method Detection Limit, ND=Not Detected (below DF x MDL) * Result from a higher dilution analysis



Southland Technical Services, Inc.

Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

Client EREMCO
Project Greve

Lab Job No N10791
Matrix Soil

Date Reported 07-26-2001
Date Sampled 07-19-2001

EPA 8260B (VOCs by GC/MS, Page 1 of 2) Reporting Unit µg/kg (ppb)

Date ANALYZED		07-20-01	07-20-01	07-20-01	07-20-01	07-20-01	07-20-01	07-20-01
SAMPLE PREP METHOD		5035	5035	5035	5035	5035	5035	5035
DILUTION FACTOR		2,500	10	1	200	25	500	1
LAB SAMPLE I.D.		N0791-7	N0791-8	N0791-9	N0791-10	N0791-11	N0791-12	N0791-13
CLIENT SAMPLE I.D.		G 7	G 8	G 9	G 10	G 11	G 12	G 13
COMPOUND	MDL							
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	5	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND
Iodomethane	5	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	10	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	74	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	79	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	ND
Chloroform	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	320,000	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND
Benzene	5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	5	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	5	ND	ND	ND	ND	ND	ND	ND
Bromoform	5	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	24,000	ND	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND	ND	ND



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (323) 888-0728
Fax (323) 888-1509

Client EREMCO
Project Greve

Lab Job No : N10791

Matrix: Soil

Date Reported 07-26-2001

Date Sampled 07-19-2001

EPA 8260B (VOCs by GC/MS, Page 2 of 2) Reporting Unit ppb

COMPOUND	MDL	G 7	G 8	G 9	G 10	G 11	G 12	G 13
Toluene	2	2,240,000	6	ND	2,200	9	ND	ND
Tetrachloroethene	5	240,000	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane(EDB)	5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethan	5	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	2	260,000	ND	ND	2,500	ND	ND	ND
m+p-Xylene	2	900,000	ND	ND	10,200	4	ND	ND
o-Xylene	2	350,000	ND	ND	3,500	3	ND	ND
Styrene	5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethan	5	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	51,000	ND	ND	12,000	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	103,000	ND	ND	5,560	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	356,000	ND	ND	22,600	5	ND	ND
Sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	3,270	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	5	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND	ND	ND
Naphthalene	5	14,000	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	60	ND	ND	776	ND	50
2-Butanone (MEK)	50	ND	ND	ND	ND	52	ND	ND
Carbon disulfide	50	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	50	ND	ND	ND	ND	ND	ND	325
2-Hexanone	50	ND	ND	ND	ND	ND	ND	ND
Vinyl Acetate	50	ND	ND	ND	ND	ND	ND	ND
MTBE	5	ND	ND	ND	ND	ND	ND	ND

MB=Method Blank, MDL=Method Detection Limit, ND=Not Detected (below DF x MDL) * Result from a higher dilution analysis